

# User Manual For <u>LCM Setup</u>

Version: 2.8

### Table of Contents

1.	Connect to Display	. 3
2.	Basic Setting	.4
3.	Codepage Setting	. 5
4.	Display Testing	. 6
5.	Configuration & Parameter	.7
6.	Device Operations	. 8

### 1. Connect to Display

LCM Setup v2.8		8	
COM Settings			
Serial Port: COM1	Baud Rate: 9600	<b>``</b>	
Basic Setting CodePage	Setting play Testing		
Command Set		(B) Choose	e the Baudrate
Command Mode		Setting	
		Octaing	
Baudrate Set			
Baud Rate	e: 9600 (A) (	Choose the COM-Port	
-Welcome Message	e Set		
Code Page	e: CP437 • (For text e	ncoding conversion only)	
Line	1: *** LCM DISPLAY ***		20
Line	2: **HAVE A NICE DAY AND THANK YOU*	*	33
	Scroll	Center	
	—		
		Setting	
Brightness adjustr	nent		
◎ 20%	● 40% ◎ 60% ◎ 10	00% Setting	
		Parte	
	ing Save Setting	Resta	Exit

- a) Select the Com port
- b) Select the Baud Rate

#### 2. Basic Setting

T LCM Setup v2.8
COM Settings
Serial Port: COM1   Baud Rate: 9600
Basic Setting CodePage Setting Display Testing (A) Choose Commands $\rightarrow$ Setting
Command Set
Command Mode: AUTO
Baudrate Set (B) Choose baud rate → Setting
Baud Rate: 9600 Setting
Welcome Message Set
Code Page: CP437 • (* of text encoding conversion only) (For text encoding conversion only)
Line 1: *** LCM DISPLAY *** 20
Line 2: **HAVE A NICE DAY AND THANK YOU ** 33
Scroll (C-2) Edit Welcome Message Setting
Brightness adjustment (C-3) Set the second line scroll
© 20%
Default Setting         Load Setting         Save Setting         Exit

- a) Select Commands set, Click on Setting button to set the Command mode.
- b) Select baud rate set, Click on **Setting button** to set the Baud Rate.
- c) Welcome Message Set:
  - 1) Select Code Page (For text encoding conversion only).
  - 2) Edit Welcome Text. (Line 1 Length 20, Line 2 Length 60).
  - 3) Set the second line scrolls or not.
  - 4) Click on **Setting button** to set the Welcome Message.

## 3. Codepage Setting

T LCM Setup v2.8						
COM Settings						
Serial Port: COM1   Baud Rate: 9600						
Basic Setting Code	Basic Setting CodePage Setting Display Testing					
InterChar	Intercher (A) Choose InterCher					
USA	O Primark I	<ul> <li>Japan</li> </ul>	© Russia	Portugal		
© France	© Sweden	Norway	Greek	Turkey		
© Germany	◎ Italy	Denmark II	Czech	Baltic States		
© U.K.	Spain	Slavonic	Lithuania	© Other		
CodePage	CodePage (B) Choose Codepage					
OP437	0.007	© CP866	© CP950_BIG5	WCP1256		
© CP737	CP858	© CP866_AT	WCP1250	© WCP1257		
© CP737_S	© CP860	© CP874	WCP1251	© WCP1258		
© CP737_S1	© CP863	© CP932	WCP1252			
© CP850	© CP864	CP936_GBK	WCP1253			
© CP852	© CP865	© CP949	WCP1255			
	(C	) Download s	etting	Setting		
Default Setting Load Setting Save Setting Exit						

- a) Click on the InerChar radio button to Choose the Interchar.
- b) Click on the **Codepage** radio button to Choose the Codepage.
- c) Click on the **Setting button** to download to the display.

#### 4. Display Testing

TLCM Setup v2.8	
COM Settings Serial Port: COM1   Baud Rate: 9600	
Basic Setting       CodePage Setting       Display Testing         Display Test       (A) Display Test         Code Page:       CP437       (For text encoding conversion only)         Clear Display         Text:       1234567890ABCDEFGHIJ       Center         Position at       Row:       1 🔹 Column:       1 🔹	
InterChar       CodePage         (B) InterChar test 0x20~0x3F       CodePage 0x80~0x9F         InterChar 0x20~0x3F       CodePage 0xA0~0xBF         InterChar 0x40~0x5F       CodePage 0xC0~0xDF         InterChar 0x60~0x7F       CodePage 0xE0~0xFF	
Default Setting     Load Setting     Save Setting	Exit

- a) **Display test** :
  - **1.** Code Page : For text encoding conversion only.
  - 2. **Display Text** : Send the contents of the text box to the display.
  - **3.** Clear Display : Clear all the contents of the display screen.
- b) **InterChar** : Send characters  $0x20 \sim 0x7F$  to the display.
- c) **Codepage** : Send characters 0x80 ~ 0xFF to the display.

#### 5. Configuration & Parameter

LCM Setup v2.8				
COM Settings				
Serial Port: COM1   Baud Rate: 9600				
Basic Setting CodePage Setting Display Testing				
Command Set	л I			
Command Mode: AUTO   Setting				
Baudrate Set				
Baud Rate: 9600   Setting				
Welcome Message Set				
Code Page: CP437    (For text encoding conversion only)				
Line 1: *** LCM DISPLAY *** 20				
Line 2: **HAVE A NICE DAY AND THANK YOU** 33				
Scroll Center				
Setting				
Brightness adjustment				
Default Setting Load Setting Save Setting Restart Display	Exit			

- a) **Default Setting** : Restore the tool's setting to default.
- b) Load Setting : Read settings from files.
- c) **Save Setting** : Save settings to files.

Note: the .vfd file is a parameter configuration file. Please do not modify it manually.

## 6. Device Operations

LCM Setup v2.8				
COM Settings				
Serial Port: COM1   Baud Rate: 9600				
Basic Setting CodePage Setting Display Testing				
Command Set	- I			
Command Mode: AUTO   Setting				
-Baudrate Set				
Baud Rate: 9600    Setting				
Welcome Message Set				
Code Page: CP437    (For text encoding conversion only)				
Line 1: *** LCM DISPLAY *** 20				
Line 2: **HAVE A NICE DAY AND THANK YOU** 33				
✓ Scroll Center				
Setting				
Brightness adjustment				
Default Setting Load Setting Save Setting Restart Display	/ Exit			

a) **Restart Display** : .Reboot the display.